

Fig. 1

29 Kvolt

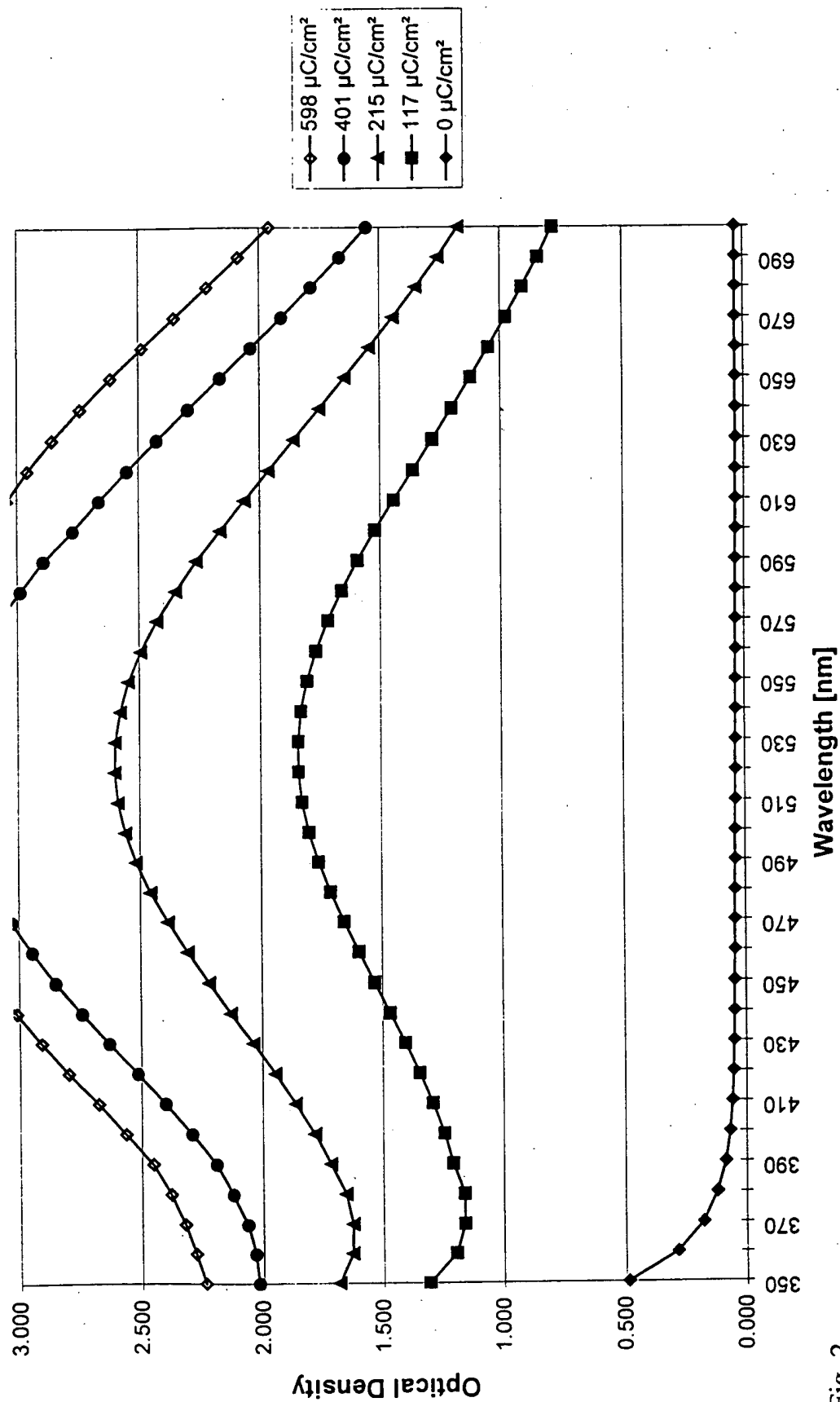


Fig. 2

25 Kvolt

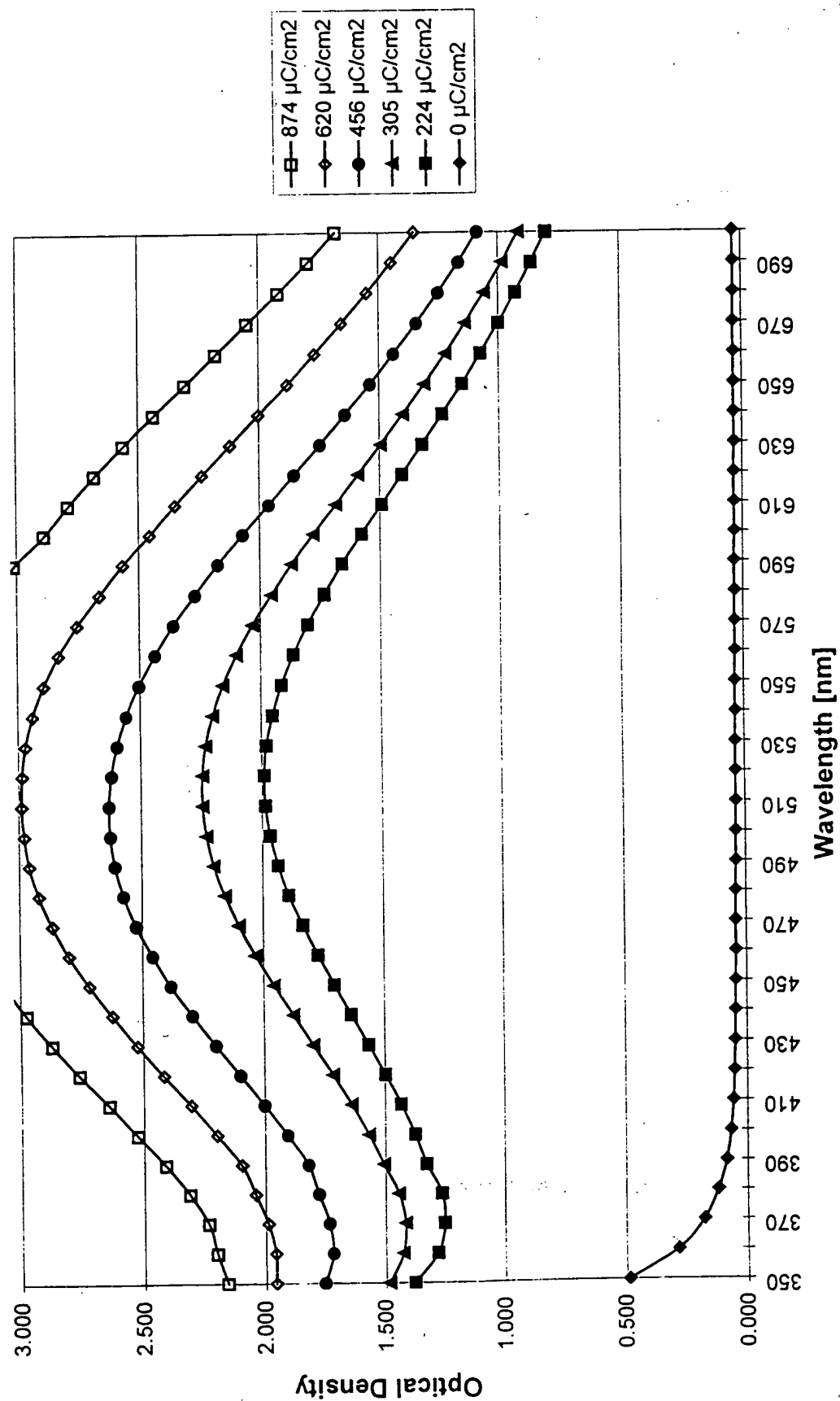


Fig. 3

20 Kvolt

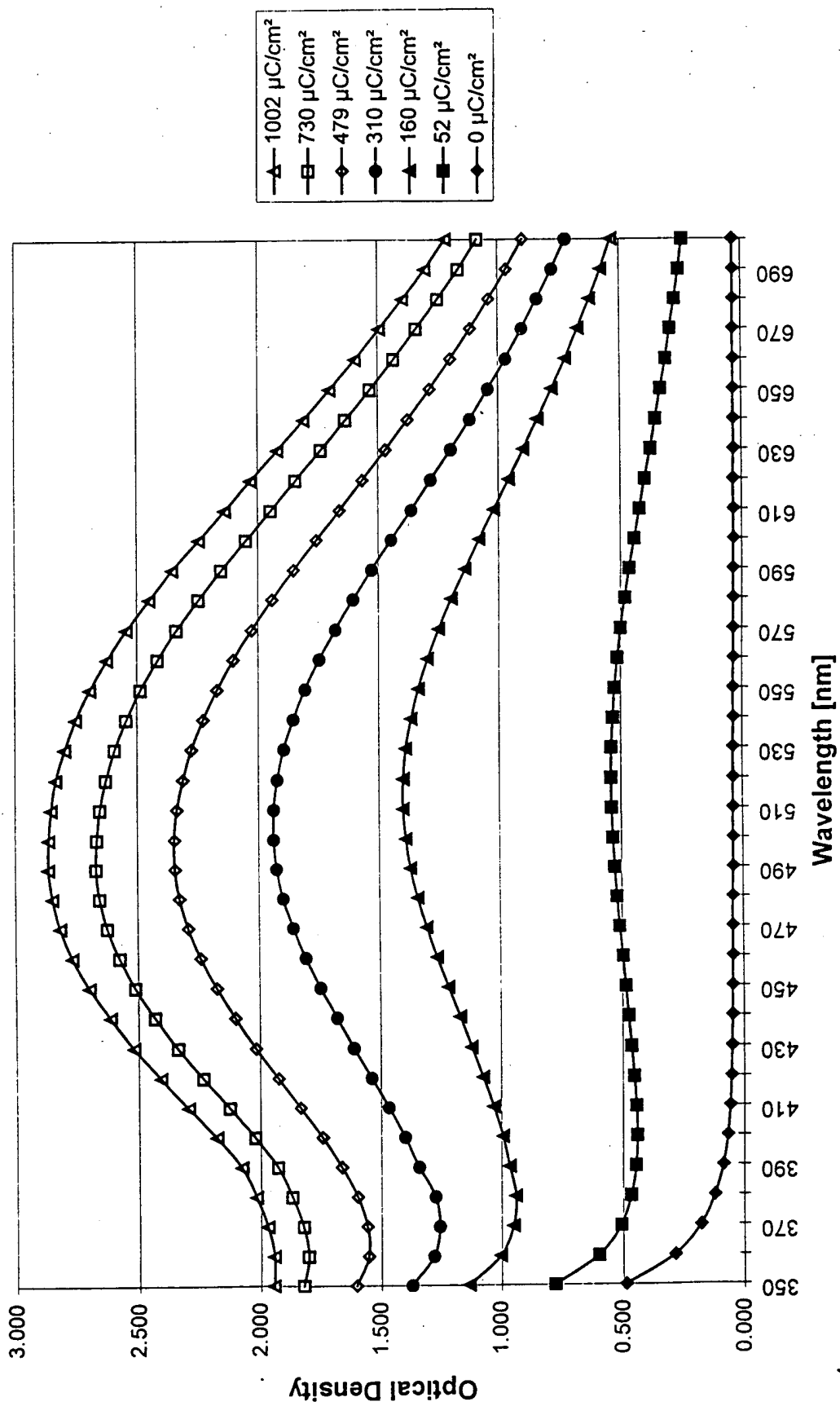


Fig. 4

15 Kvolt

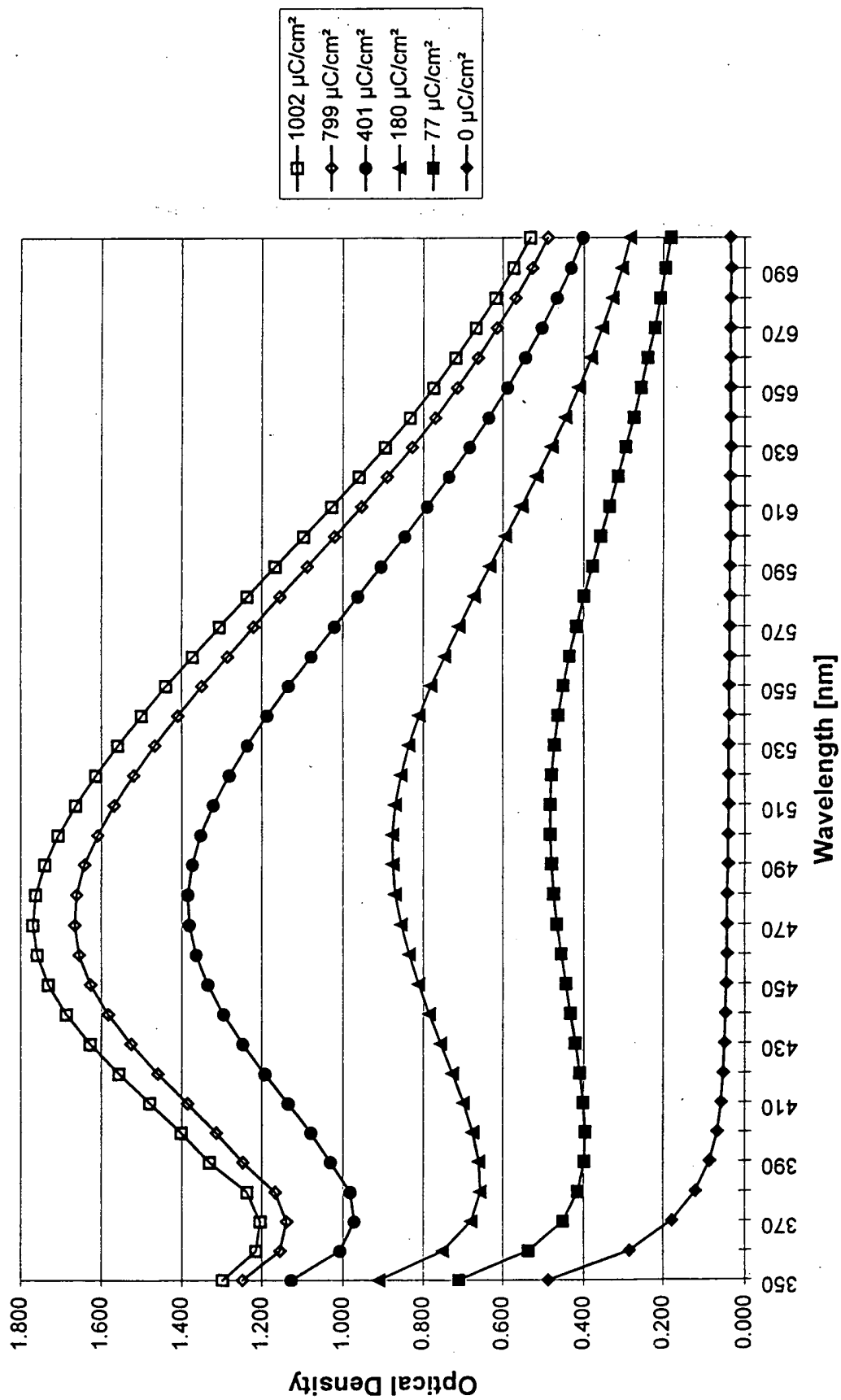


Fig. 5

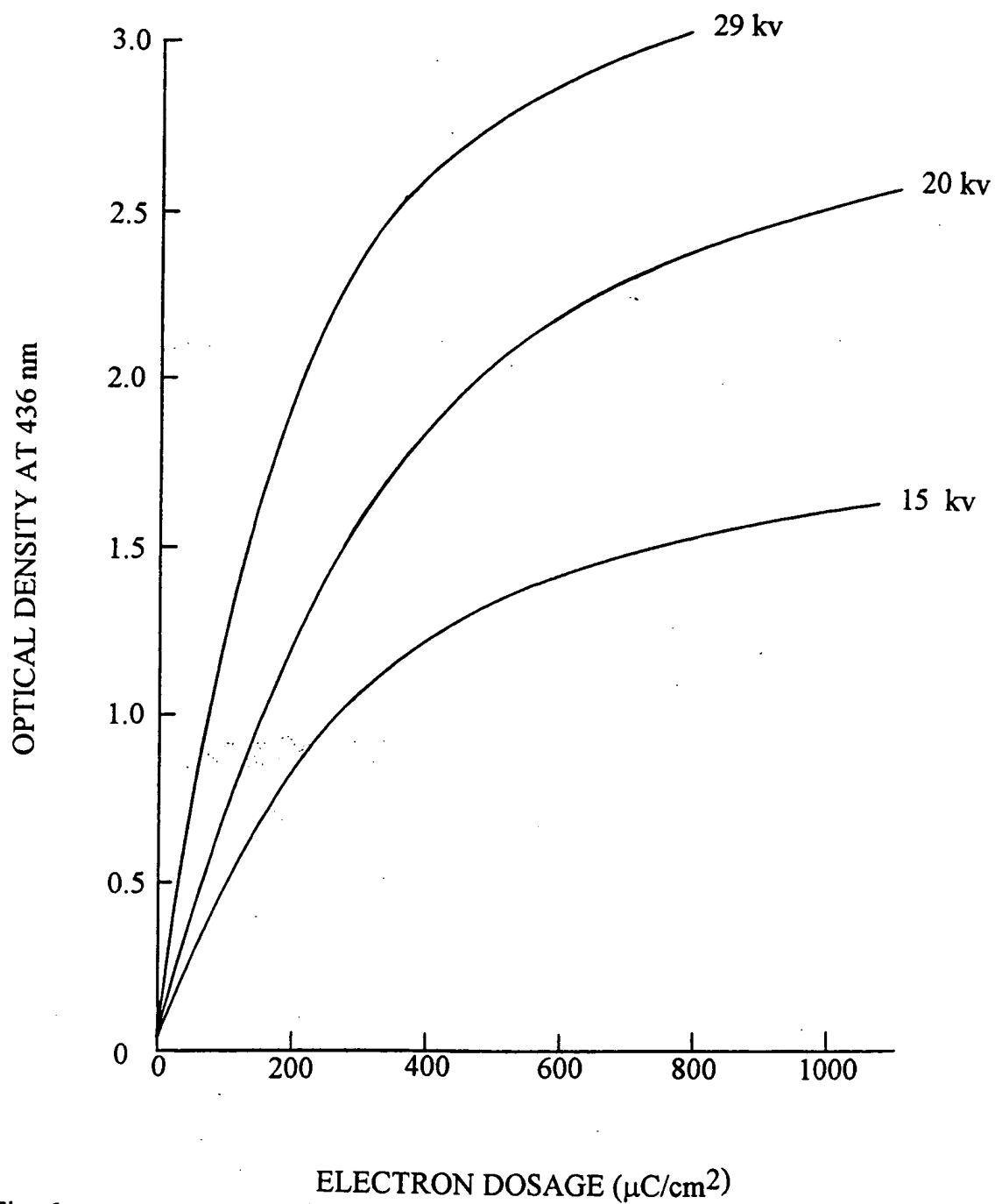


Fig. 6

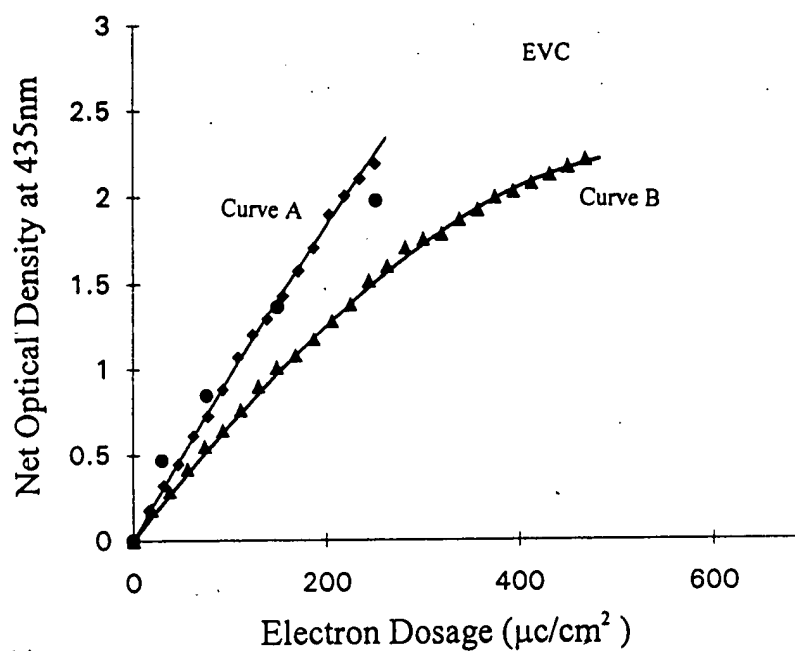


Fig. 7(a)

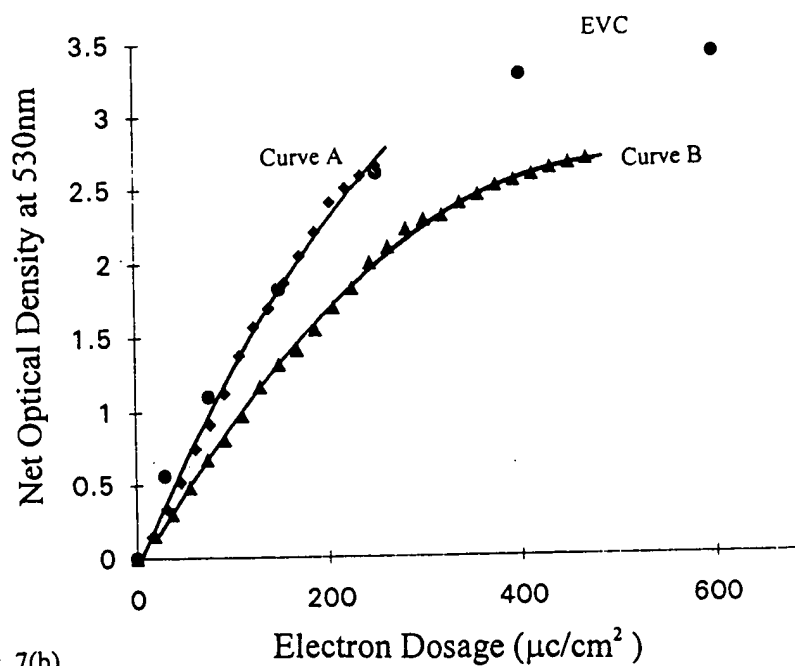


Fig. 7(b)

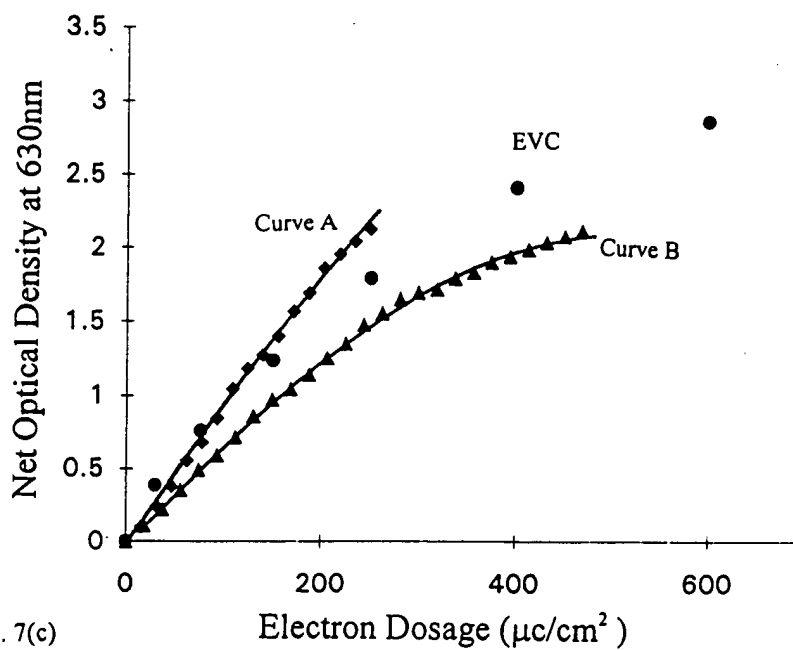


Fig. 7(c)



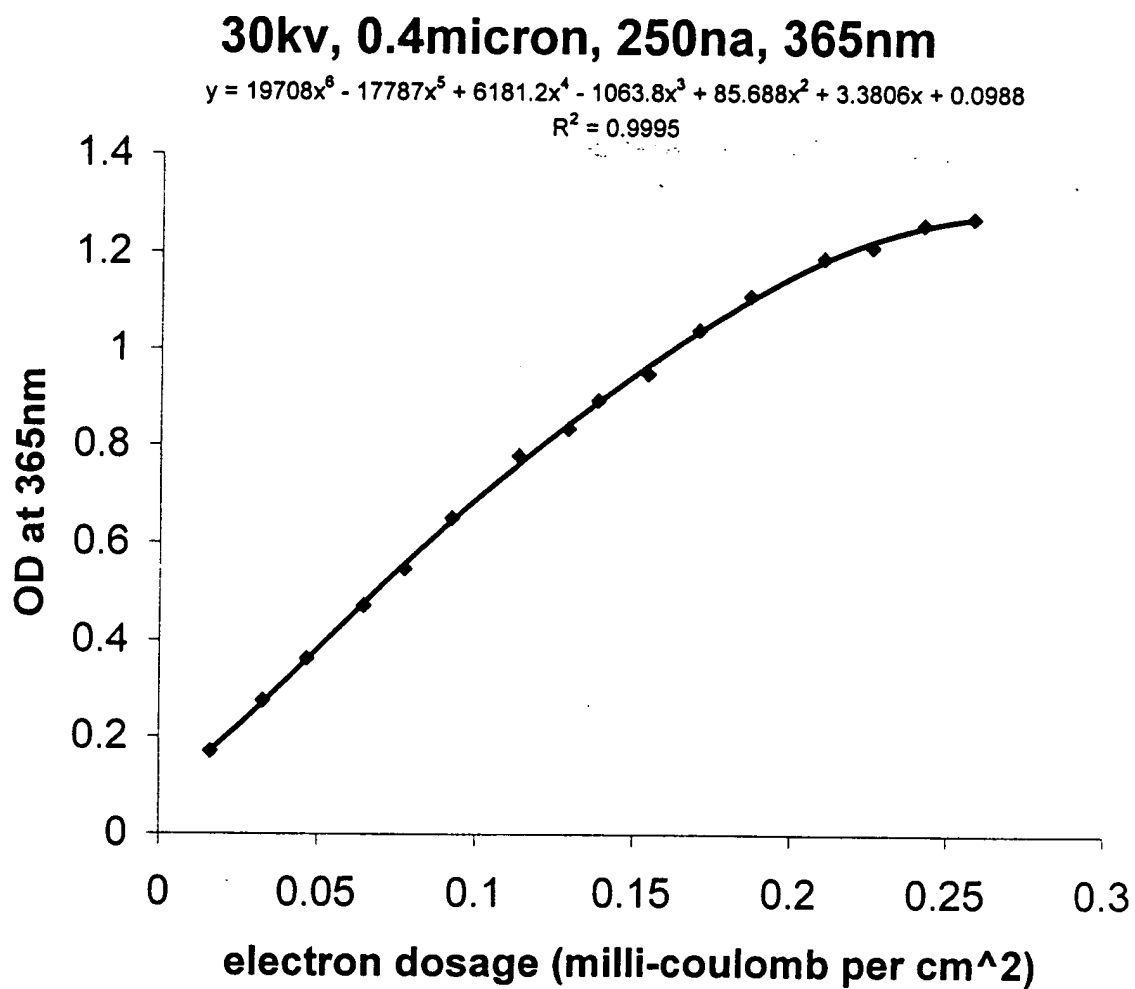


Fig. 7 (d)

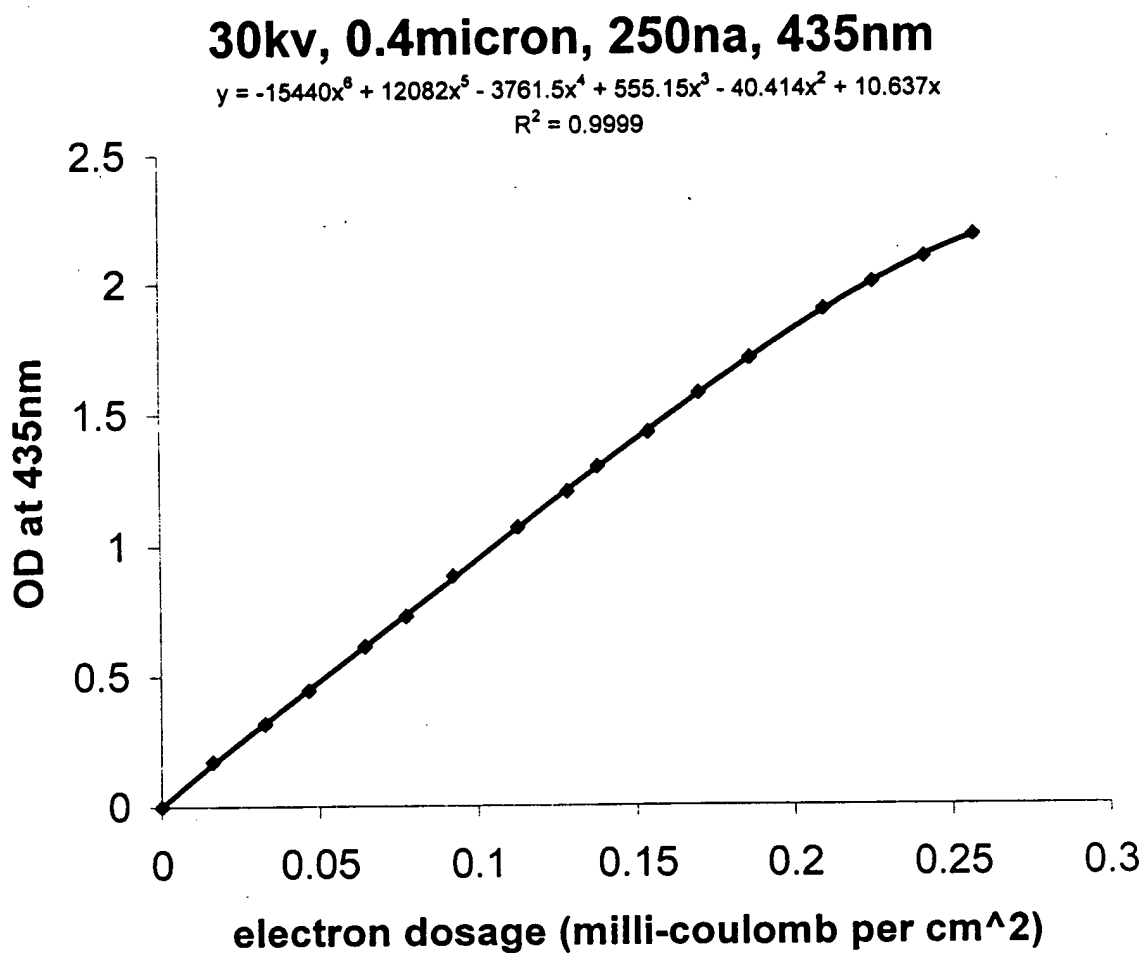


Fig. 7 (e)

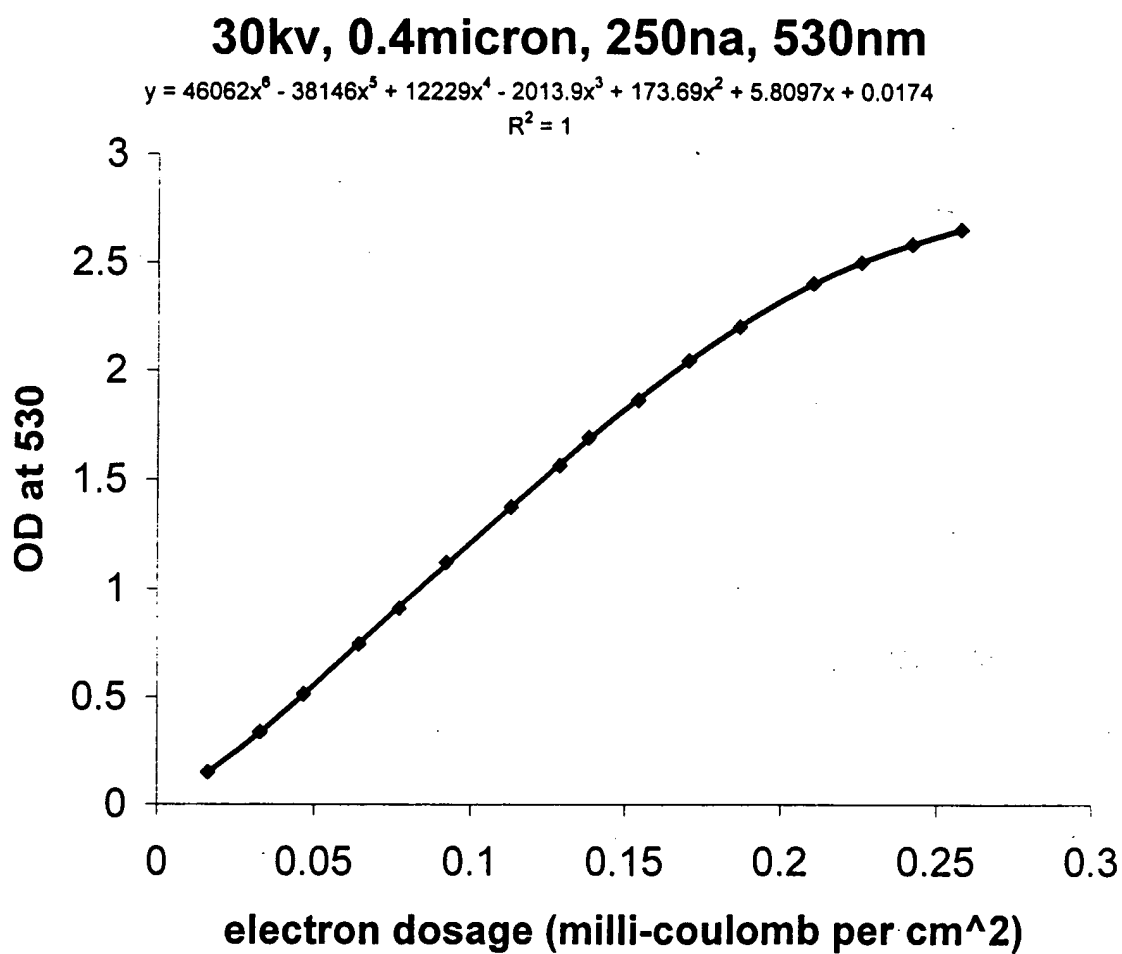


Fig. 7 (f)

FOR "SECRET"

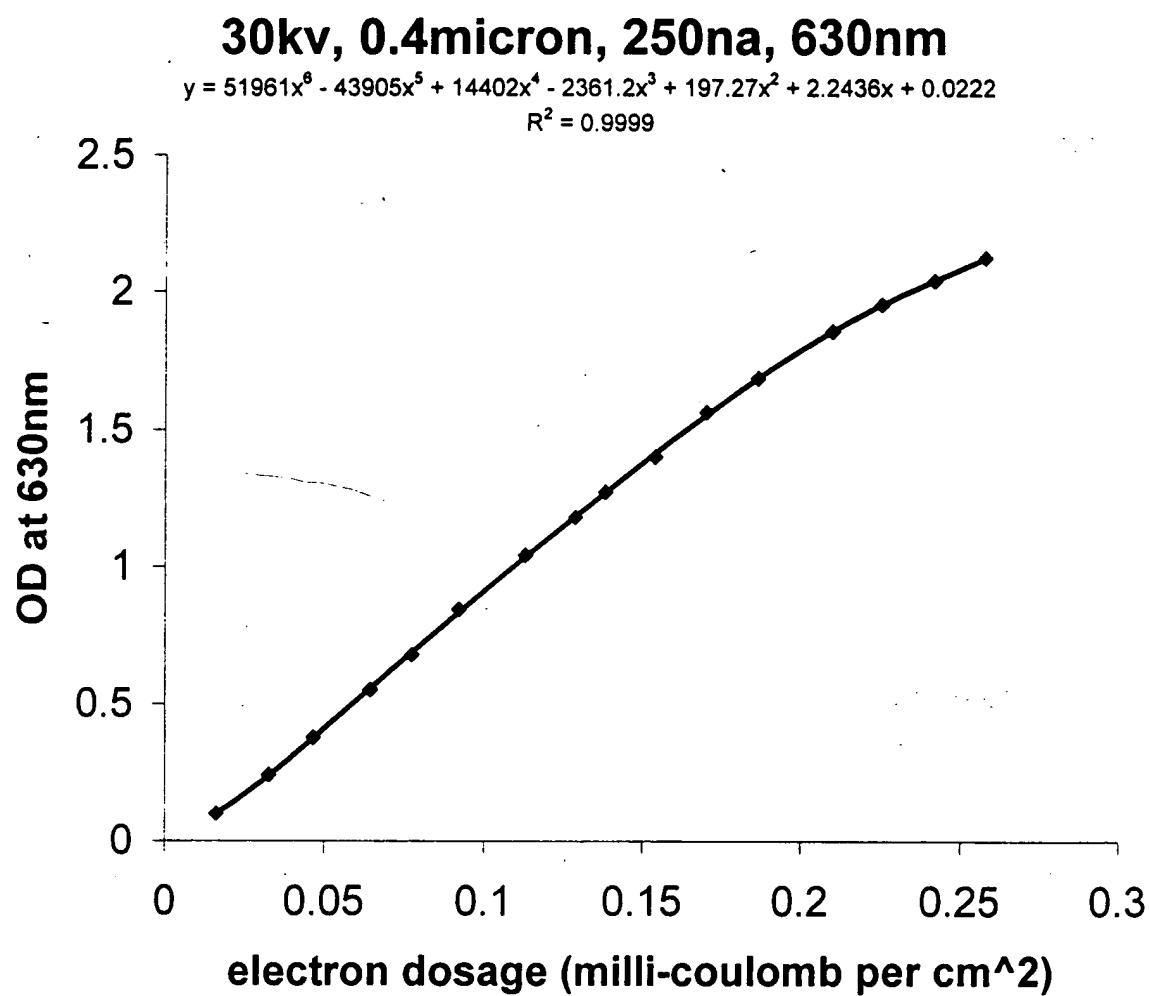


Fig. 7 (g)

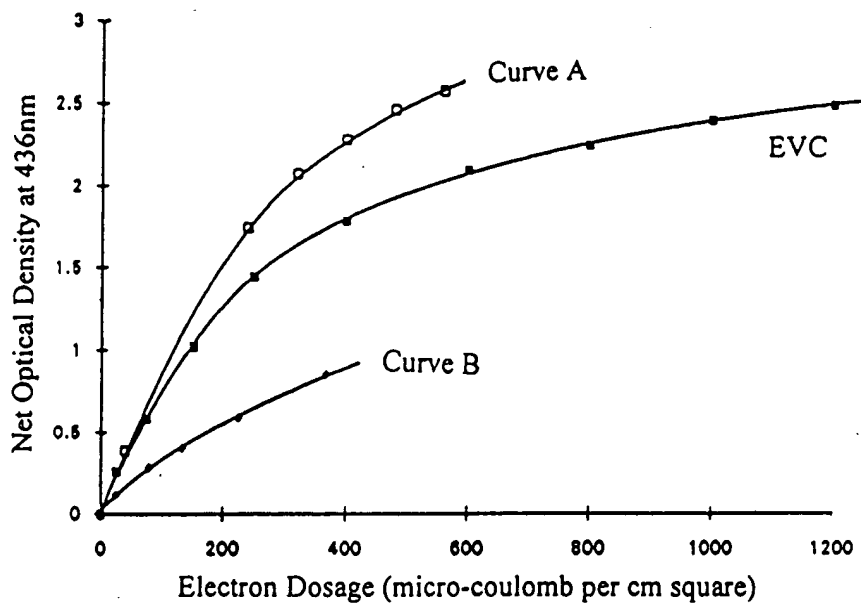


Fig. 8

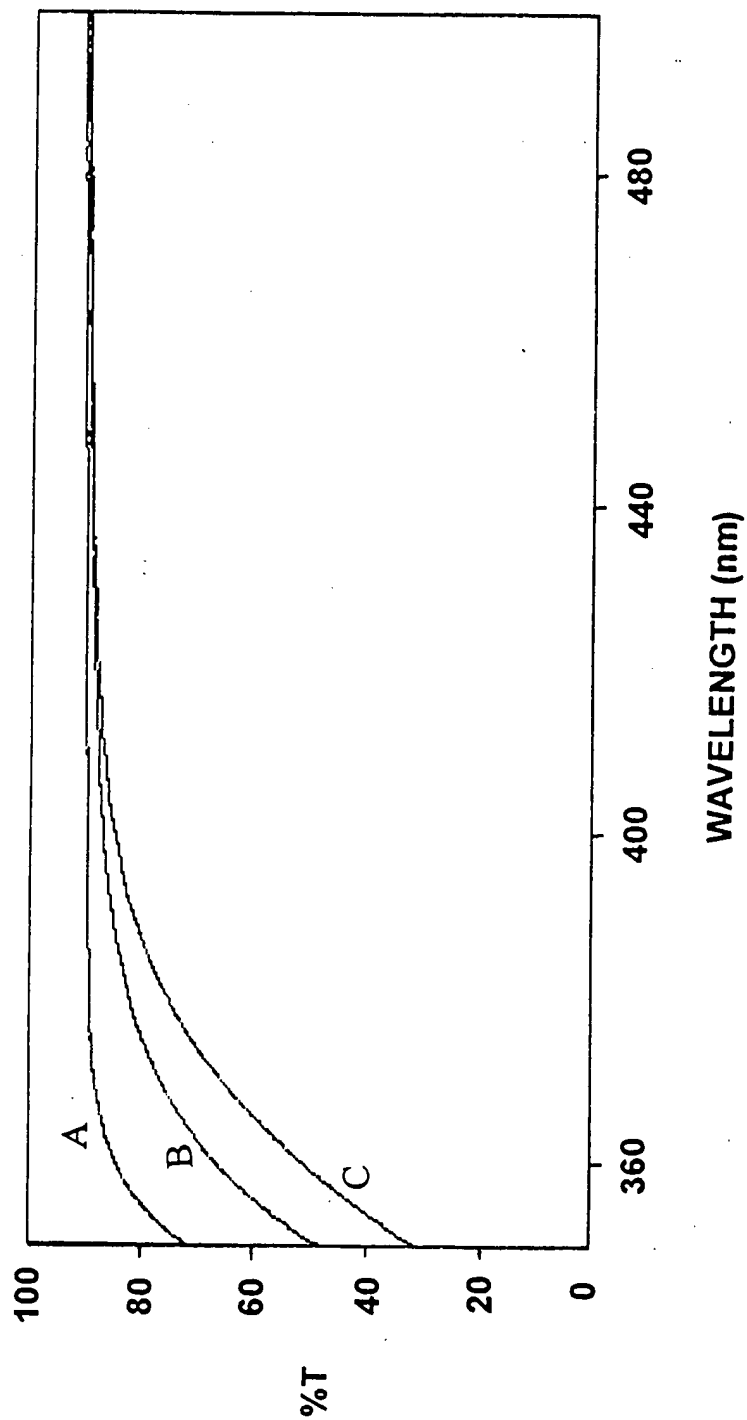


Fig. 9

09934218 "082101

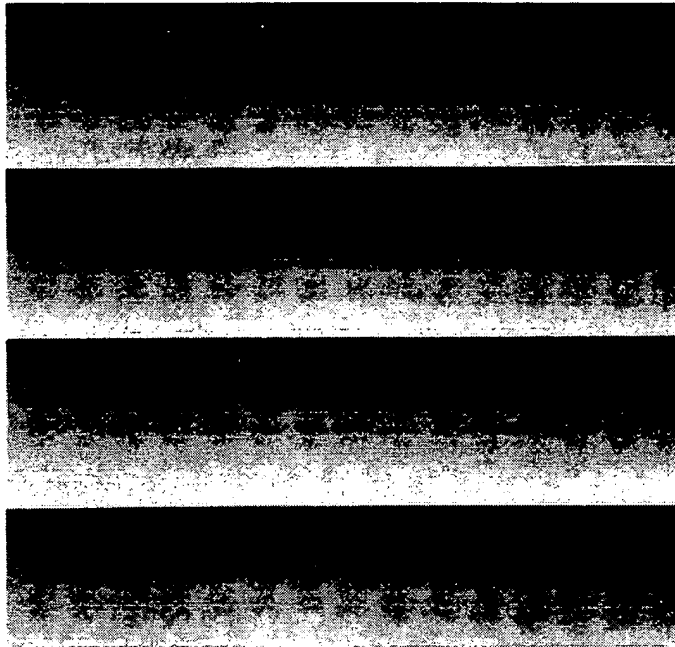


Fig. 10

09034218.082401  
TOT280" BT24E660

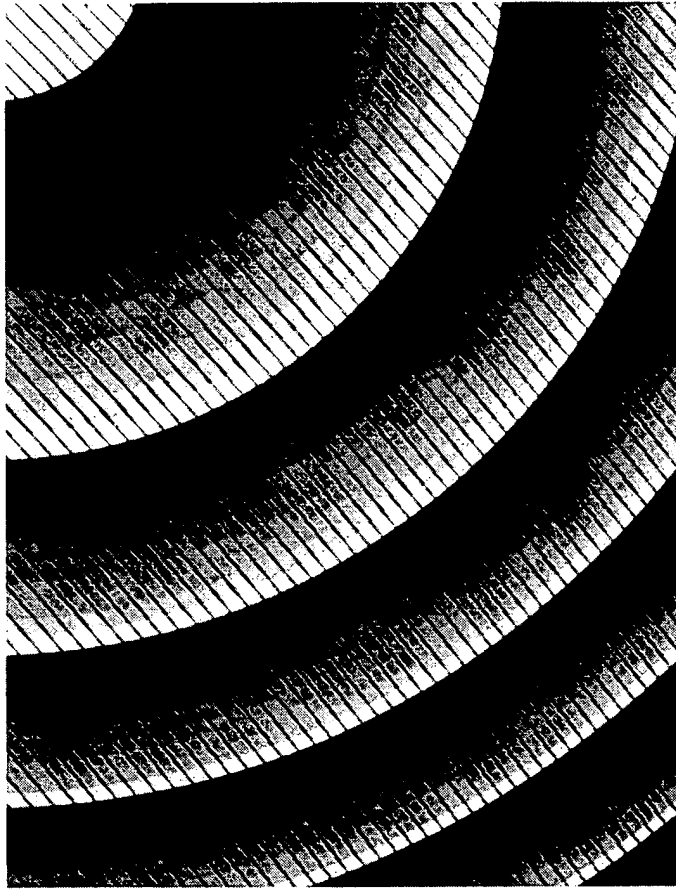


Fig. 11



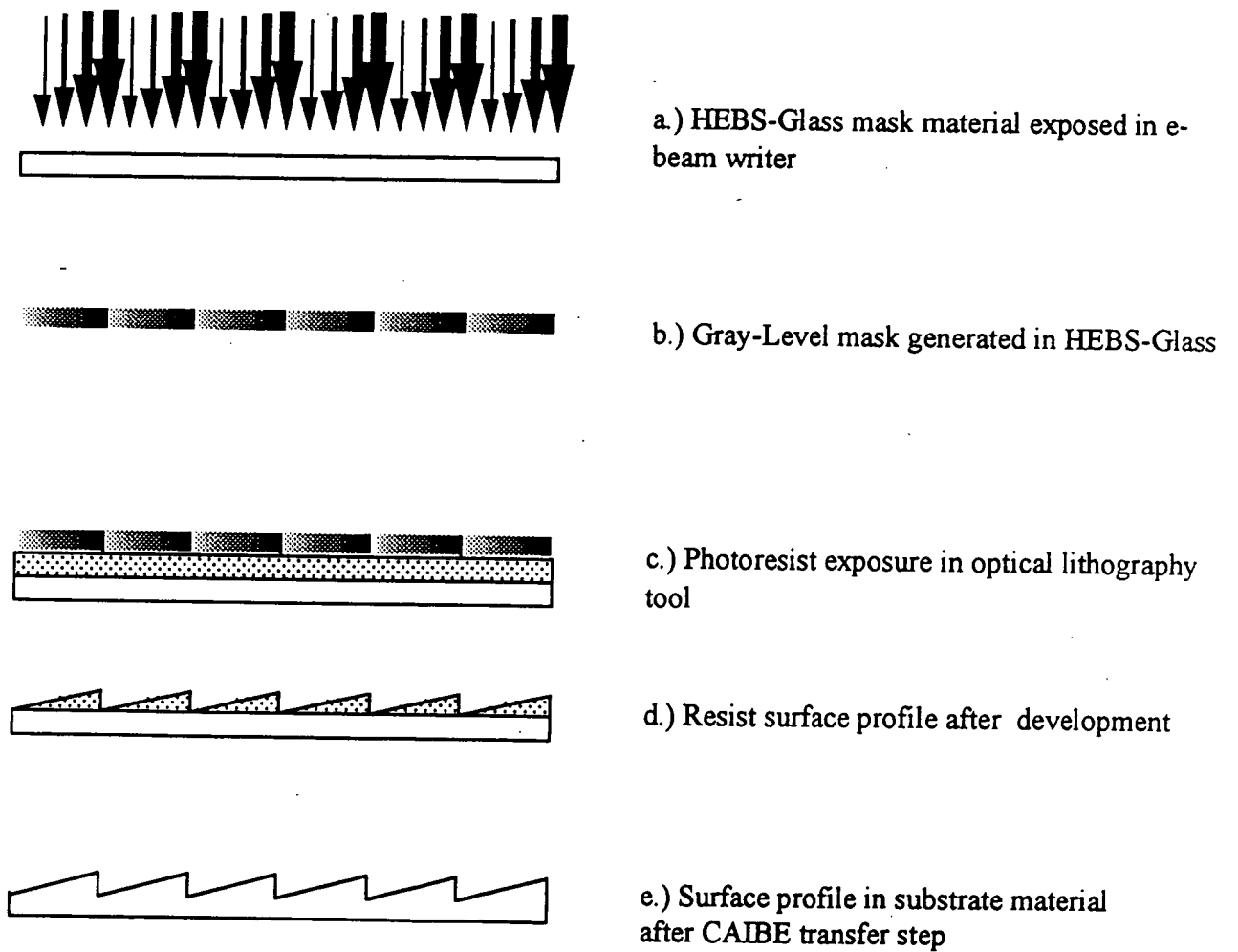
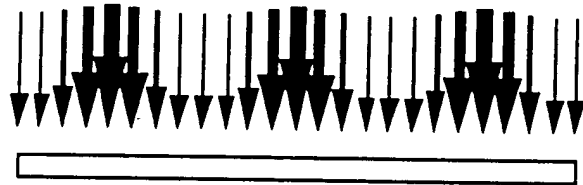


Fig. 12



HEBS-Glass material exposed in e-beam writer



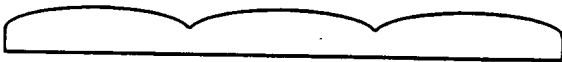
Gray-Level mask generated in HEBS-Glass



Photoresist exposure in mask-aligner



Resist surface profile after development



Lens profile after etching transfer step

Fig. 13

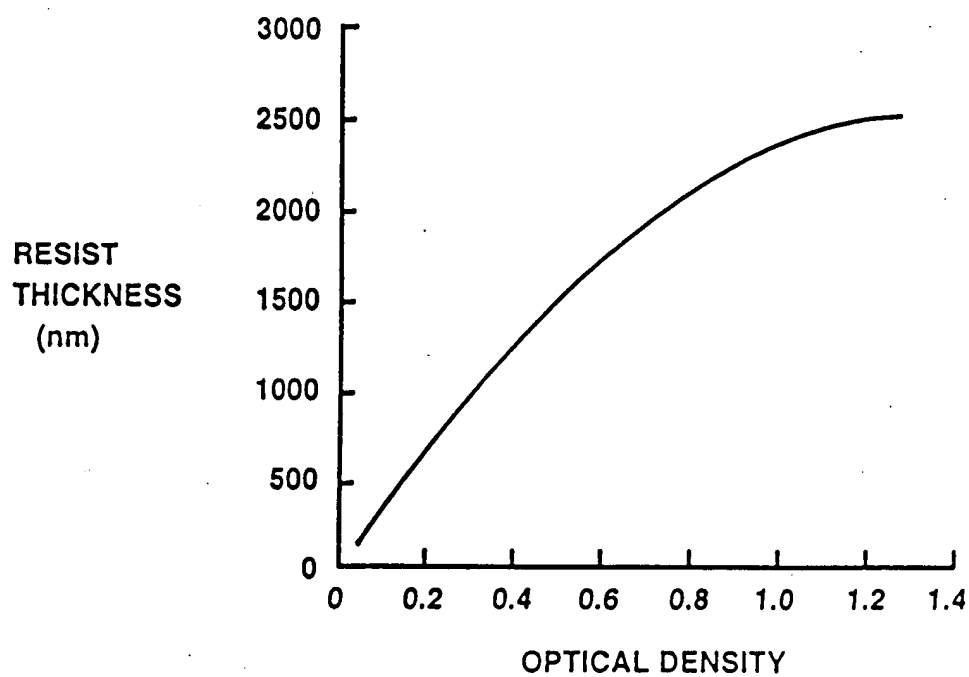


Fig. 14

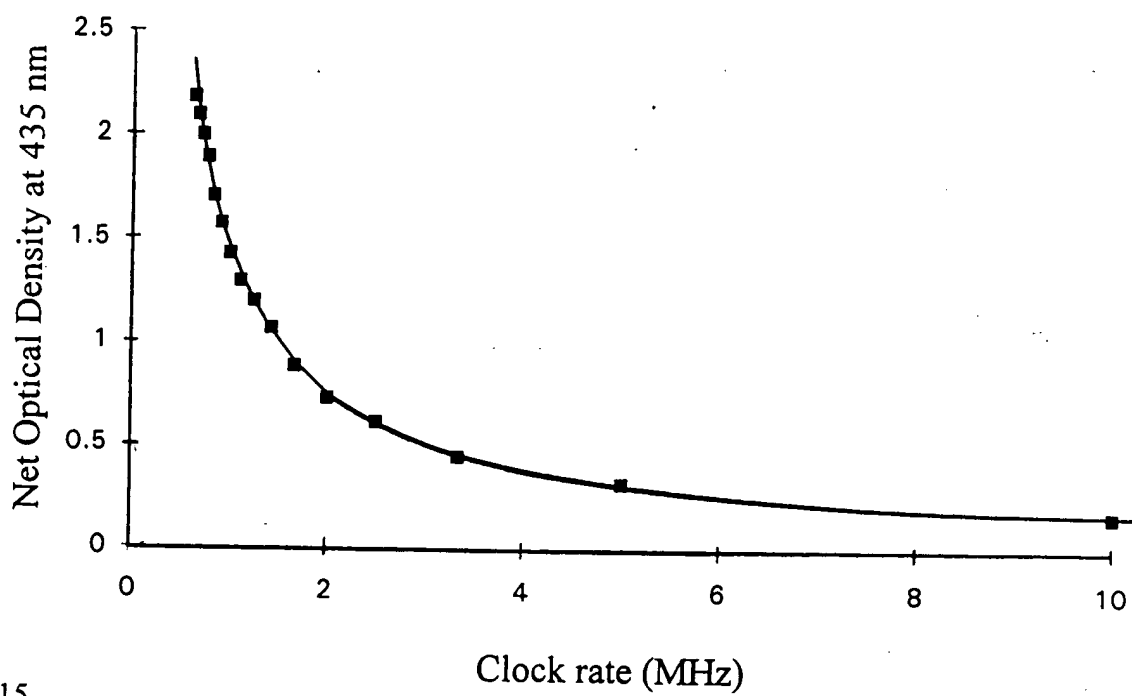


Fig. 15

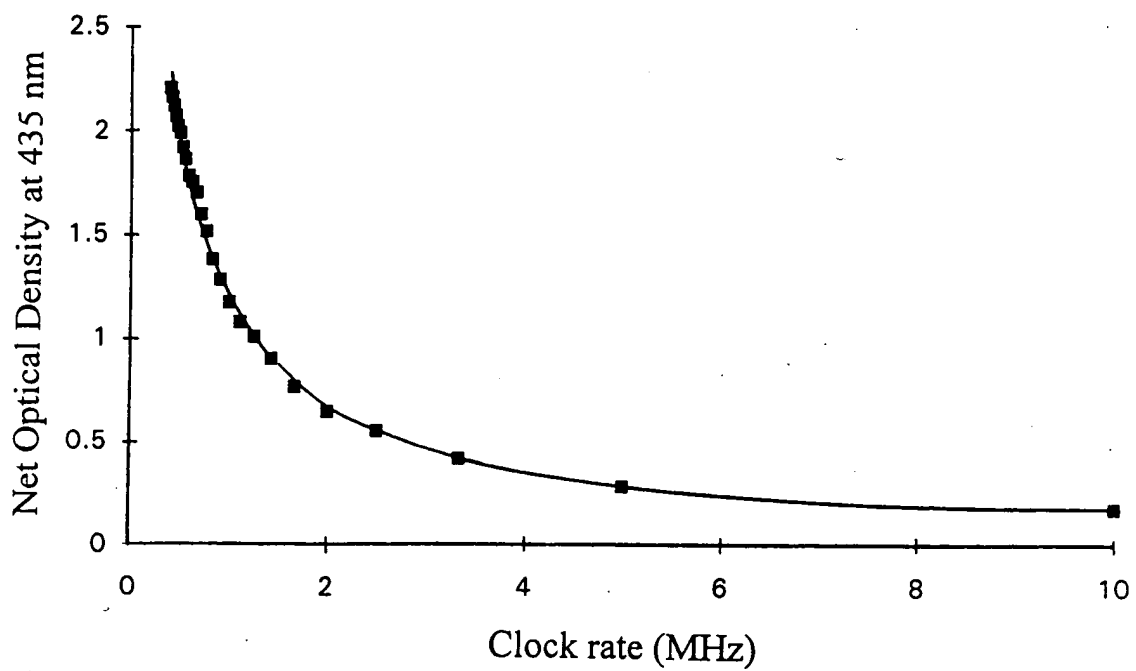


Fig. 16

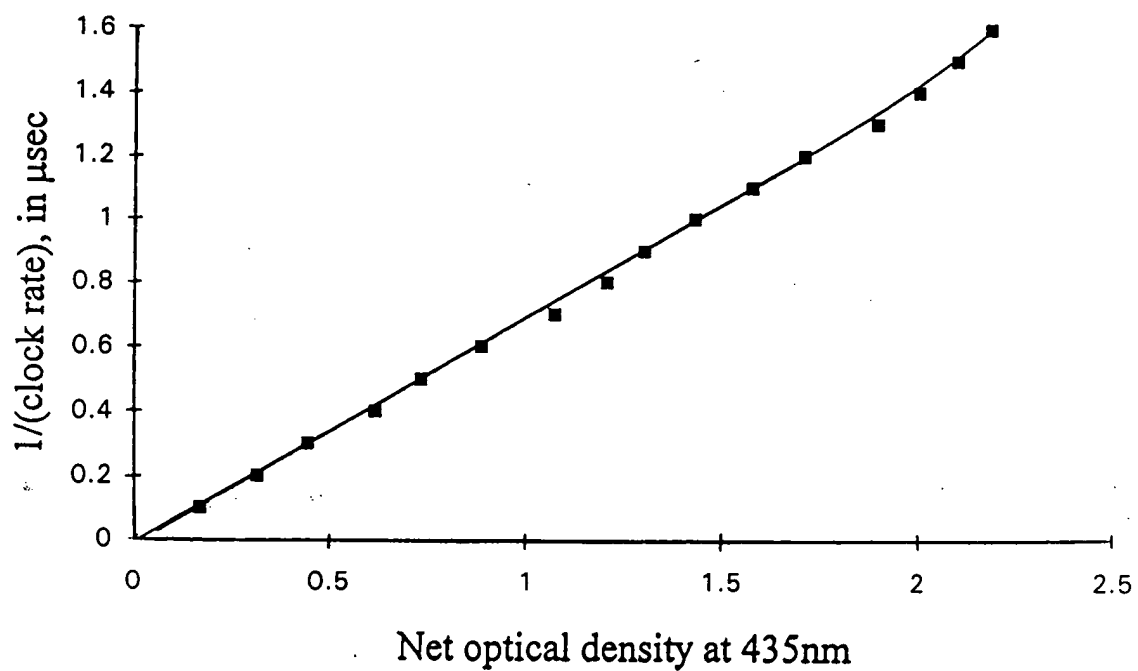


Fig. 17

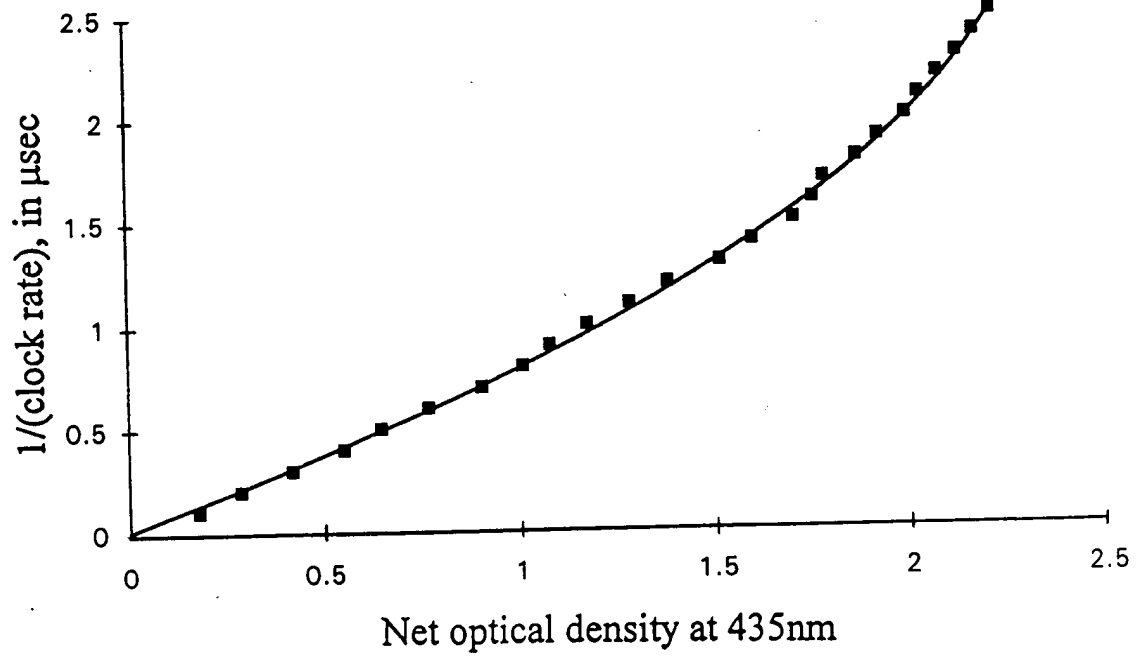


Fig. 18

Figure 1 is a line graph showing the optical density spectra of three types of polyacetylene. The y-axis is labeled 'OPTICAL DENSITY' and ranges from 0 to 3. The x-axis is labeled 'WAVELENGTH (nm)' and ranges from 400 to 1000. Three curves are plotted: Type I (solid line), Type II (dashed line), and Type III (dotted line). Type I has a peak at approximately 450 nm. Type II has a peak at approximately 480 nm. Type III has a peak at approximately 500 nm. All three curves show a decrease in optical density as the wavelength increases beyond their respective peaks.

The graph plots Optical Density (y-axis, 0 to 3) against Wavelength in nm (x-axis, 400 to 1000). Three curves are shown: Type I (solid line) has a broad peak at ~650 nm; Type II (dashed line) has a sharp peak at ~550 nm; Type III (dotted line) has a sharp peak at ~900 nm.

Fig.20



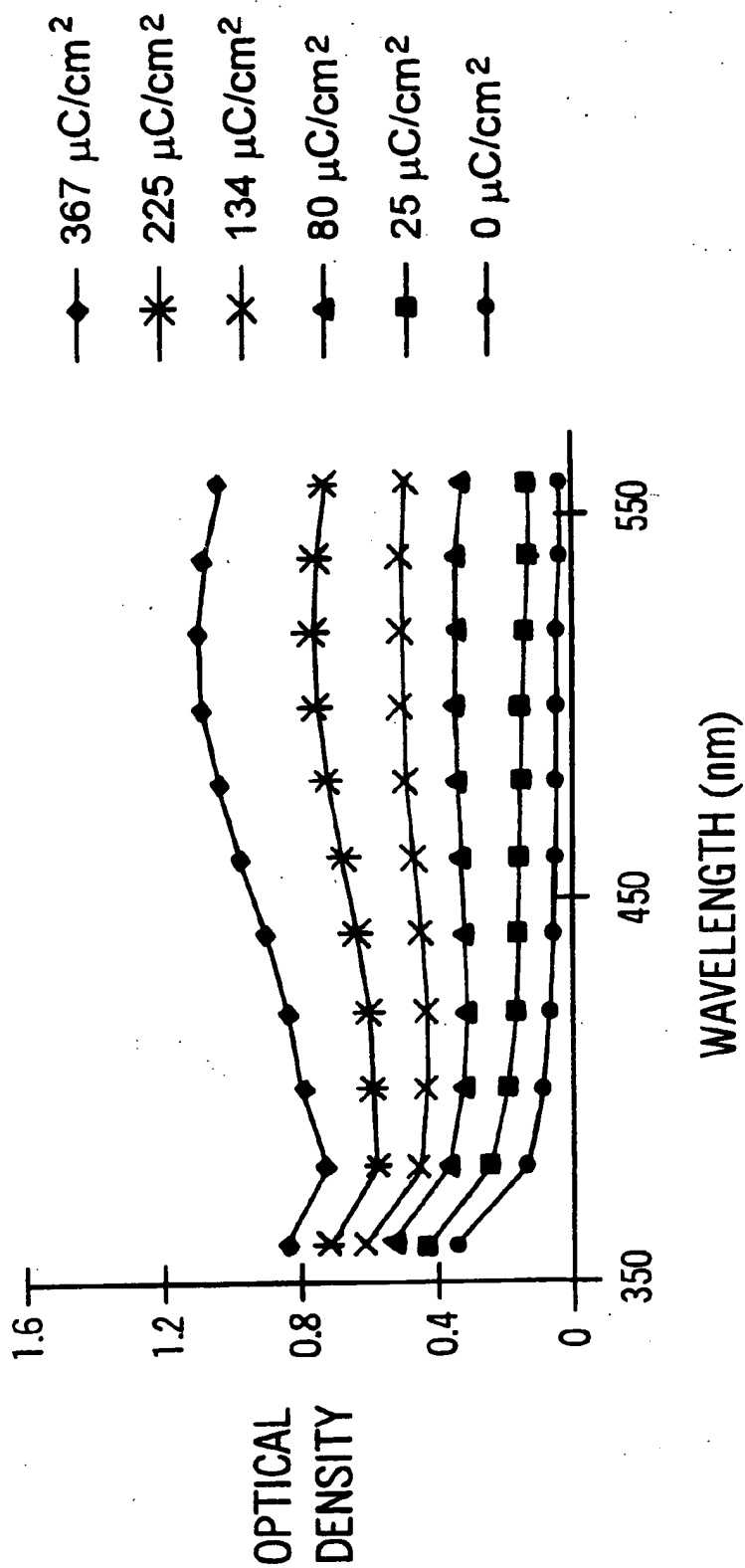


FIG. 21

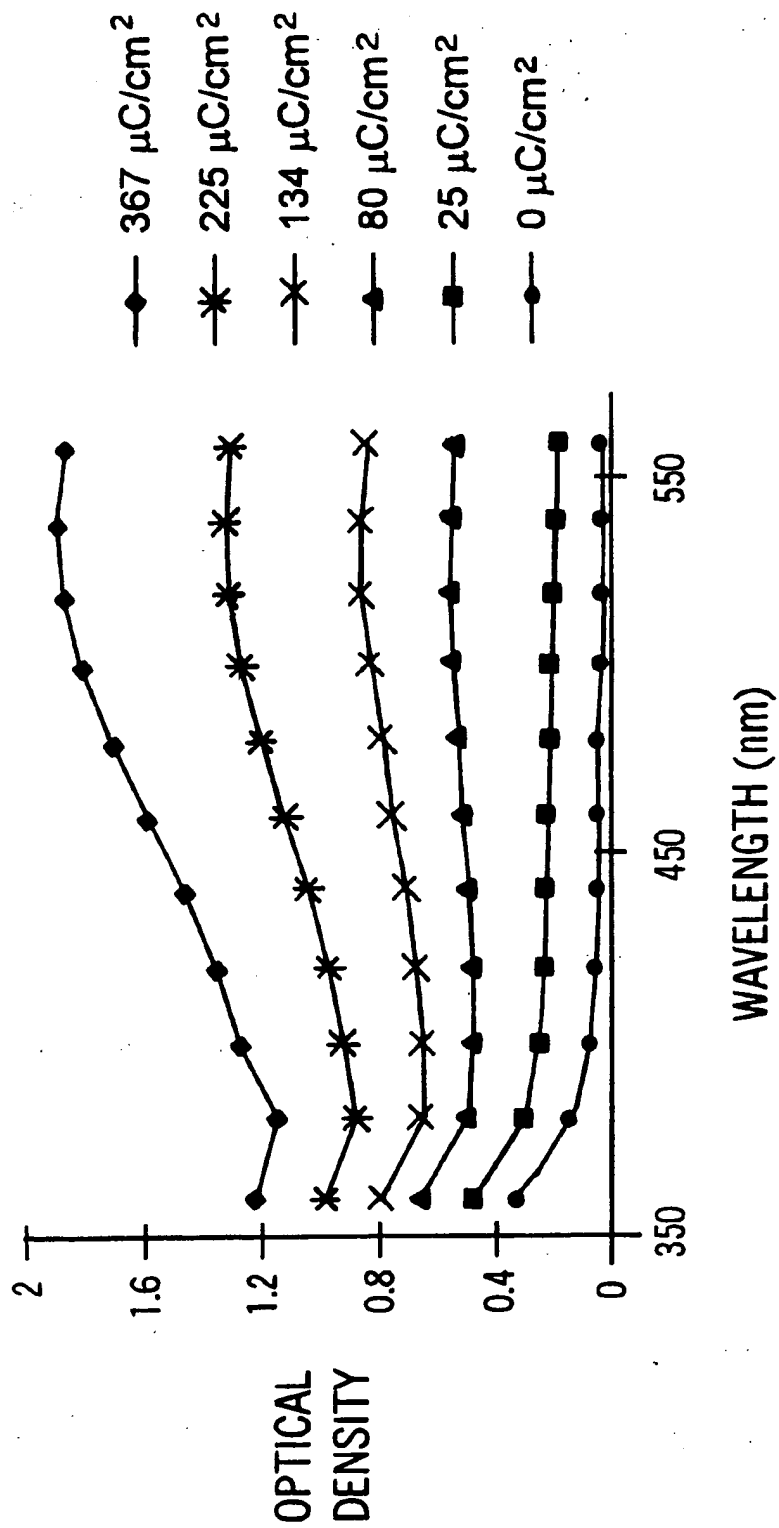


FIG. 22

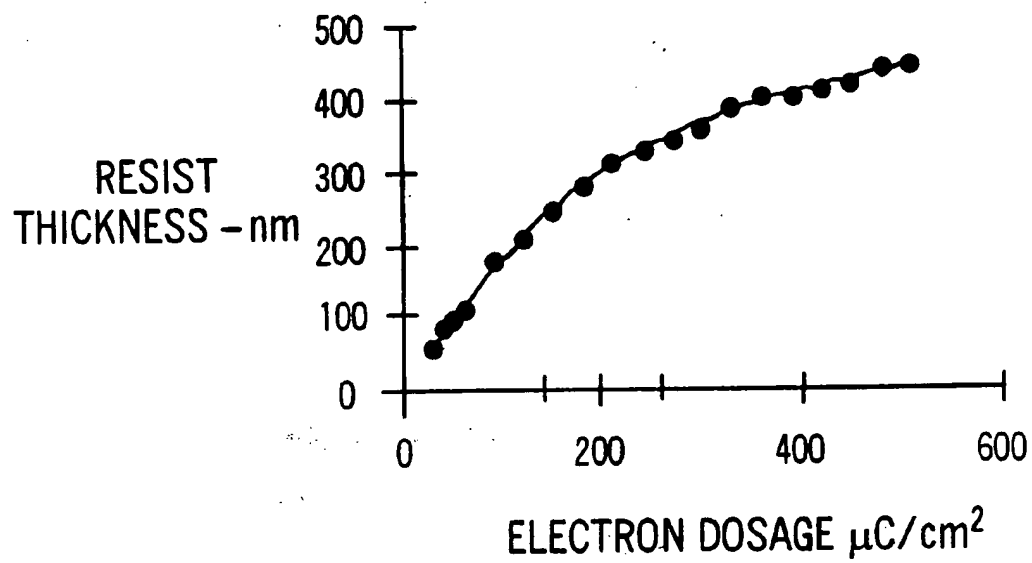


FIG. 23

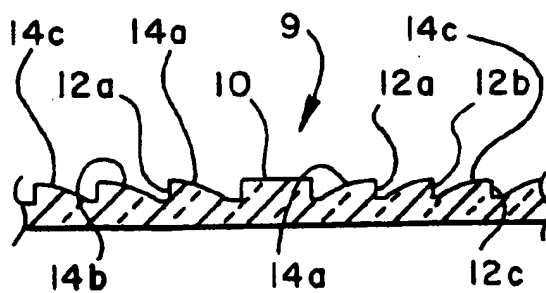


FIG. 24

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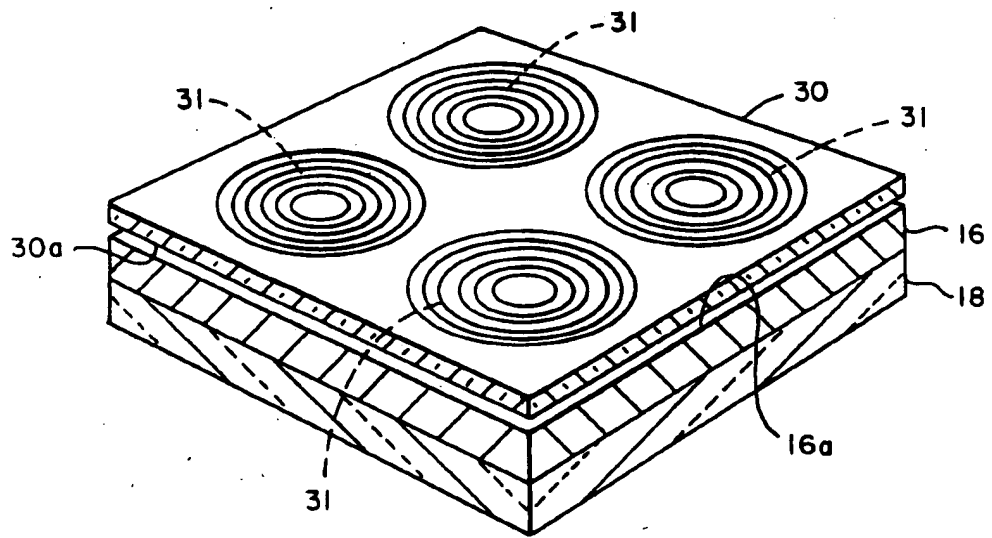


FIG. 25A

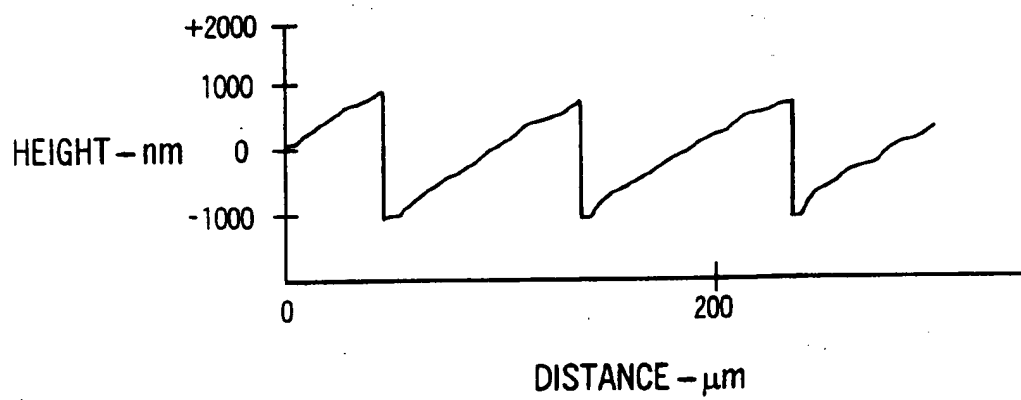
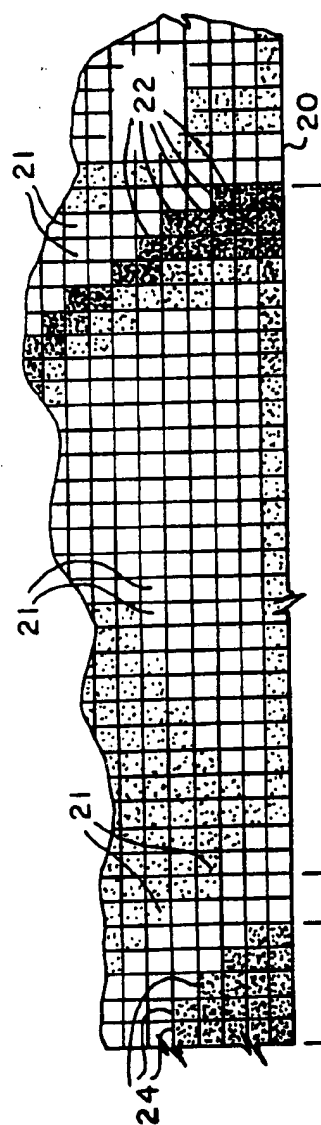


FIG. 25B



**FIG. 26**

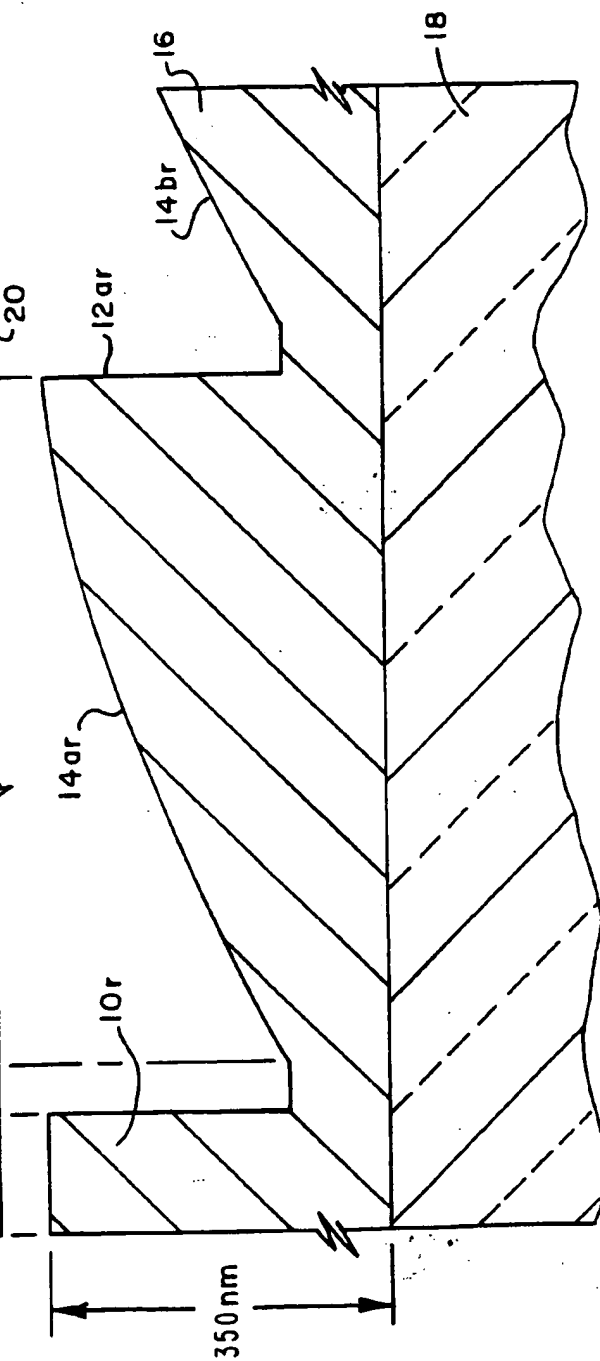


FIG. 27